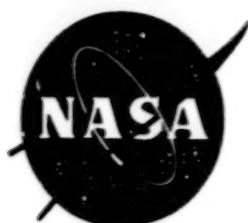


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NAS 1.53/3:95-OSS-07



National Aeronautics
and Space Administration

February 22, 1995

NRA 95-OSS-07

Research Announcement

**Research in Planetary Geology,
Geophysics, Remote Sensing,
Solar System Dynamics,
Cartography, and Geologic
Mapping**

Proposals Due: May 22, 1995

COMPLETED

ak

**RESEARCH IN PLANETARY GEOLOGY AND GEOPHYSICS,
REMOTE SENSING, SOLAR SYSTEM DYNAMICS,
CARTOGRAPHY, AND GEOLOGIC MAPPING**

NASA Research Announcement
Soliciting
Proposals for Basic Research
For the Period Ending
May 22, 1995

NRA-95-OSS-07
Issued: February 22, 1995

Office of Space Science
National Aeronautics and Space Administration
Washington, DC 20546-0001

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**RESEARCH IN PLANETARY GEOLOGY AND GEOPHYSICS,
REMOTE SENSING, SOLAR SYSTEM DYNAMICS, CARTOGRAPHY, AND
GEOLOGIC MAPPING**

This NASA Research Announcement (NRA) solicits proposals for basic research in the Planetary Geology and Geophysics (PGG) program. Participation in this program is open to all categories of organizations, both domestic and foreign: industry, educational institutions, other nonprofit organizations, NASA centers, and other Government agencies. Proposals may be submitted at any time during the period ending May 22, 1995. Proposals will be evaluated by scientific peer review during June 1995. Announcements regarding selection for funding in Fiscal Year (FY) 1996 will be made after October 1, 1995.

Further details relevant to this program are included in the appendices to this Announcement. Appendix A provides technical and program information in the general area in which proposals are sought, plus amendatory guidance to Appendix B, applicable only to this NRA. Appendix B contains the basic guidance needed for preparation of solicited proposals in response to an NRA. Appendix C contains guidance needed for requesting funds for major equipment items used in support of proposed research. Appendix D contains the formats for proposals submitted to the Planetary Geology and Geophysics Program.

These appendices will be available after February 22, 1995 through anonymous file-transfer protocol (FTP). The command "FTP NSSDCA.GSFC.NASA.GOV" should be used from the host machine. ASCII, Postscript, and Microsoft Word file for the AO, all Appendices, and required information are located in the directory "HQ-NRAS.PGG". In addition, a file named "readme" resides in this directory and gives detailed instructions on obtaining the necessary files electronically.

At host prompt type "NSSDCA.GSFC.NASA.GOV." At userid prompt type "ANONYMOUS". At password prompt type your machine name (e.g., "ASTROG"). Once logged in, the prompt will be "FTP:NASSDCA.GSFC.NASA.GOV". To view the directory, type "DIR"; to change directories type "CD" and then the new directory name. Once you have located the file you wish to copy, type "BIN" and then "GET" and the filename.

It is estimated that the NASA funding level for this program in FY 1996 will be approximately \$12 million and that the level of funding will support approximately 140 research investigations, including both full proposals and progress report proposals. It is anticipated, on the basis of recent historical results, that there will be between three and twelve new starts selected for funding in FY 1996. The selection of any proposals is contingent on the availability of FY 1996 funds.

This NRA features many significant changes from previous versions. It replaces all Planetary Geology and Geophysics Program announcements of previous years. It is recommended that the proposer carefully review this document before submitting a proposal. Failure to follow the guidelines outlined here will make the proposer ineligible for funding through this NRA in FY 1996.

The following items apply only to this Announcement.

Identifier: NRA 95-OSS-07

Submit All Proposals to: Lunar and Planetary Geoscience Review Panel
(NRA 95-OSS-07)
The Lunar and Planetary Institute
3600 Bay Area Boulevard
Houston, TX 77058
(713) 486-2149

Copies Required: Full Proposals for New or Ongoing Research: 12
Progress Report Proposals: 6

**All Full and Progress Report Proposals
must contain 4 additional copies of
Appendix D, Pages i-iv.**

Selecting Official: Director, Solar System Exploration Division
Office of Space Science

Additional information and paper copies of the NRA and appendices can be obtained from:

Discipline Scientist
Planetary Geology and Geophysics Program
Code SLC
National Aeronautics and Space Administration
Washington, DC 20546-0001
202-488-5125 Telephone
202-358-3097 Fax

Your interest and cooperation in participating in this effort are appreciated.



Wesley T. Huntress, Jr.
Associate Administrator for
Space Science

Enclosure

LIST OF APPENDICES

- APPENDIX A: Description of Opportunity
- APPENDIX B: Guidelines for Responding to NASA Research
Announcements (NRA) For Solicited Basic Research
Proposals
- APPENDIX C: Major Equipment Requests
- APPENDIX D: Formats for Proposals Submitted to the Planetary Geology
and Geophysics Program

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NASA Research Announcement (NRA)/Announcement of Opportunity (AO) Mailing List Update

If your current address is NOT up-to-date, please fill out this form completely.

This is the update form for the NASA Office of Space Sciences (OSS) NRA/AO mailing list. Please fill out CONTACT INFORMATION completely. Check only those that apply in Institution Type and Discipline. Fold the form, secure with tape, and mail it back to the address on the reverse side. Proper postage must be applied.

Please check which announcements you would like to receive:

- ☐ 1. NASA Research Announcements (basic, non-flight, on-going research)
☐ 2. Announcements of Opportunity (specific space flight mission)

Must check one, please include code number from mailing label:

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Organization:	Division / Department:	
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Institution Type

(check only those that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> 1. College or University | <input type="checkbox"/> 4. Minority Business | <input type="checkbox"/> 7. Other Government Agency |
| <input type="checkbox"/> 2. Minority College or University | <input type="checkbox"/> 5. NASA HQs/Center | <input type="checkbox"/> 8. Private Industry |
| <input type="checkbox"/> 3. Foreign Addressee | <input type="checkbox"/> 6. Nonprofit Corporation | <input type="checkbox"/> 9. Small Business |

Societies:

- ☐ A. American Astronomical Society ☐ B. American Geophysical Union ☐ C. Others _____

Discipline:

(check only those that apply)

1. Astronomy and Astrophysics

- ☐ A. Theory and Modeling
☐ B. Instrumentation (Technology Dev)
☐ C. Laboratory Astrophysics
☐ D. Data Analysis (Archival)
☐ E. Observational Programs

2. Solar System Exploration

- ☐ A. Planetary Atmospheres and Astronomy
☐ B. Planetary Materials and Geochemistry
☐ C. Planetary Geology and Geophysics
☐ D. Instrument Development
☐ E. Origins of Solar Systems
☐ F. Exobiology

3. Space Physics

- ☐ A. Cosmic and Heliosphere Physics
☐ B. Solar Physics
☐ C. Magnetospheric Physics
☐ D. Ion-Thermo-Mesospheric Physics

4. Information Systems/Computer Science

- ☐ A. High Performance Computing and Networking
☐ B. Scientific Data Analysis and Visualization
☐ C. Science Data Storage and Management
☐ D. Software Technology

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